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Remarks

The Office Action notes that claims 1-11 are pending in the application. Claims 1 and 9-11 have been amended. Support for the amended claims can be found throughout the originally filed specification, claims, and drawings. Therefore no new matter has been added. Claims 1-11 remain pending.

Claim Rejections – 35 USC § 112

Claims 9-11 stand rejected under 35 USC § 112 as being indefinite. The amendments to claims 9-11 address and overcome each of the examiners rejections. Accordingly, the Applicants respectfully submit that the § 112 rejections are now moot.

Claim Rejections – 35 USC § 102 and § 103

Independent claims 1 and 11 stand rejected under 35 USC § 103(a) as being unpatentable over Moslehi (U.S. Patent No. 5,846,883; “Moslehi”). Independent claims 9 and 10 stand rejected under 35 USC § 102 as being anticipated by Moslehi. The Applicants respectfully submit that independent claims 1 and 9-11 are allowable because the Moslehi does not teach or suggest all of the elements claimed therein.

In the claims of the instant application, each antenna unit has a single turn coil unlike that of Moslehi (U.S. Pat. 5,846,883). In Moslehi’s invention, double-turned coils are disclosed, which are required to increase inductance since Moslehi uses a low frequency (i.e., 13.56 MHz). In contrast the instant application utilizes high frequencies, ranging from 30 to 300 MHz. Therefore, a single-turned coil is employed.

Another difference relates to the configuration of the capacitors and the coils of the instant application. In Moslehi, capacitors C1 (611), C2 (612), and C3 (613) are connected between the double-turned coils (FIG. 22). Whereas, in the instant application, the capacitor is located outside the single-turned coil. Therefore, at least two features of the instant application are not taught or suggested by Moslehi.



Conclusion

In view of the aforesaid the Applicants respectfully submit that all pending claims are in a condition for allowance. Favorable reconsideration is requested.

Respectfully submitted,

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